

LIEBHERR

CONSTRUCTION EQUIPMENT



[(335553)] LIEBHERR T60-9s 021026-1709 - Hydraulic System

Sample No: LH0289783

Oil Type: PETRO CANADA HYDREX AW 46



Information sur l'échantillon

Numéro d'échant.	LH0289783	LH	---	---
Date d'échant.	29 Jun 2023	18 May 2023	---	---
Heures de la Machine	1000	2330	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Changd	N/A	---	---
Statut de l'échant.	ABNORMAL	NORMAL	---	---

9168-3094 QC INC.
379 DU COLLEGE
St Donat de Montcalm, QC
CA J0T 2C0
Contact: Service Manager



État d'huile

Visc 40°C	cSt	● 44.0	● 44.4	---	---
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T:
F:



Contamination

Eau	%	● 0.013	NEG	---	---
Particules >4μ		● 56933	● 9728	---	---
Particules >6μ		● 16107	● 913	---	---
Particules >14μ		● 825	● 51	---	---
ISO 4406:1999 (c)		23/21/17	20/17/13	---	---
Silicium	ppm	● <1	● 2	---	---
Sodium	ppm	● 2	● 2	---	---
Potassium	ppm	● <1	● 1	---	---

Diagnostic

We recommend you service the filters on this component. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible. Additive levels indicate the addition of a different brand, or type of oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



Métaux d'usure

Fer	ppm	● 6	● 8	---	---
Cuivre	ppm	● 2	● 3	---	---
Plomb	ppm	● <1	● 1	---	---
Étain	ppm	● 0	● 0	---	---
Aluminium	ppm	● 1	● <1	---	---
Chrome	ppm	● 0	● 0	---	---
Molybdène	ppm	● 0	0	---	---
Nickel	ppm	● 0	● <1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	● 0	<1	---	---
Vanadium	ppm	0	0	---	---



Additifs

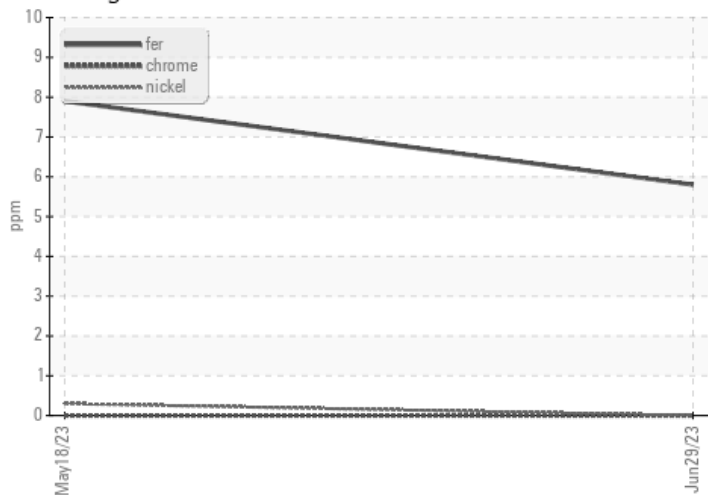
Calcium	ppm	743	1104	---	---
Magnésium	ppm	● 4	4	---	---
Zinc	ppm	● 681	651	---	---
Phosphore	ppm	● 601	682	---	---
Baryum	ppm	● 0	0	---	---
Bore	ppm	● 1	2	---	---

Depot: 916STD
Unique No: 5788344
Signed: Kevin Marson
Report Date: 04 Jun 2024

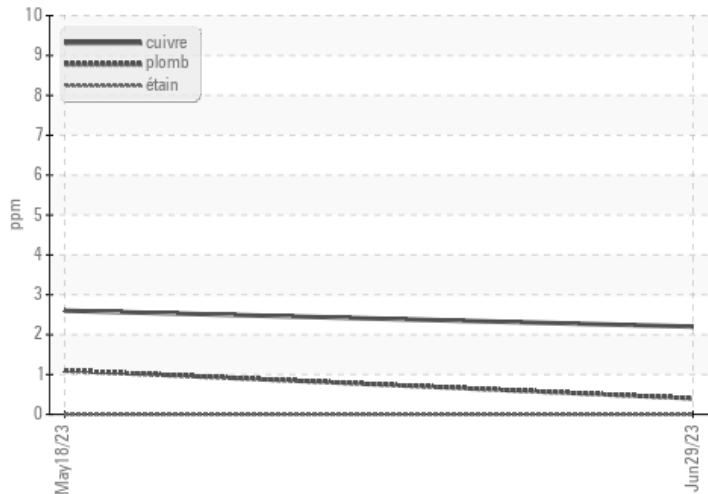


Graphs

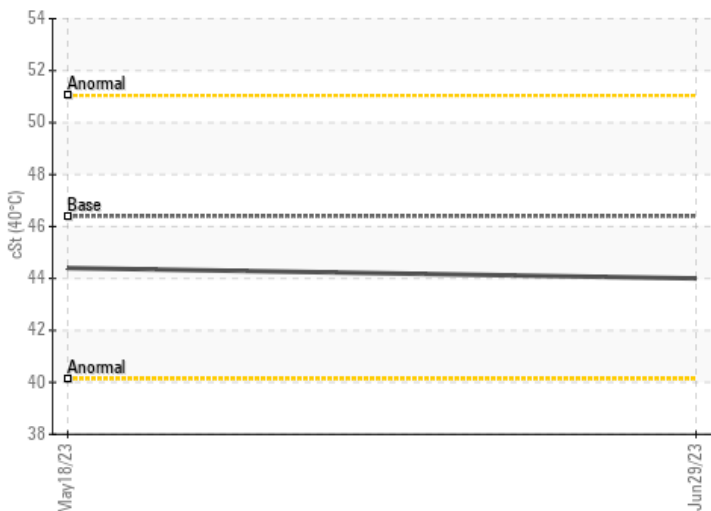
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

